MEASUREMENT BOOK

ate	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of work: Improvements to roads and drains at MCECHS Layout in ward No-05 Byatarayanapura Sub Division.						
	Work code: 005-21-000093						
	Work order No: BBMP/EE/BTP/W.O./29/2021-22 Dt 15/12/21						
	Name of Contractor: M/s Sahya A Construction Prop. Sri. Sathiesh						
	Removing B.C slab & Stacking etc		@ Rate 83.44/m²			Qty. 2696.04m² = 494562=00	

M. A. R. 57 (Rule 116) No. E 535413
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(2)	Dismantling of existing structures like Culverts, bridges retaining walls & other structures etc. upto 12cm.					Qty 36.23m³ @ Rate 463.86/m³ = 16806=00	
	Above 12cm.					Qty 23.78m³ @ Rate 463.86/m³ = 11029=56	
(3)	Dismantling of existing structures like bridges retaining wall & other structures etc						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Up to 1.25 m:	—	—	—	—	@ Rate 693.10/m³	Qty 175.44 m³ = 121597
	Above 1.25 m:	—	—	—	—	@ Rate 693.10/m³	Qty 67.83 m³ = 47013
(4)	Earth work Excavation by manual means for road & drains & similar works in Ordinary soil					@ Rate 217.94/m³	Qty - 3866.52 m³ = 842669
(5)	Providing & Laying c.c. of mix 1:3:6 with 40 mm nominal down size graded granite					@ Rate 5963.50/m³	Qty 351.60 m³ = 2096767

M. A. R. 57 (Rule 116) No. E 535414
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(6)	providing & laying plain/reinforced c.c for using RMC nominal mix concrete etc					@ Rate 7792.65/m³	Side drains Qty - 792.71 m³ = 6185104
(7)	providing T.M.T bars Fe 500 steel reinforcement for RCC work including straightening bending placing etc					@ Rate 8413790/Tn	Qty - 50.09 Tn = 4214467
(8)	providing & Fixing pre cast covering of cc 1:2:4 with 10 c.m thick etc					@ Rate 2453.38/m²	slab manhole cut Qty - 1811.25 m² = 4443685

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(9)	providing & Fixing pre cast covering slab 250 m.m thick made out of C.C 1:2:4 & Jelly 20 m.m & down size @ Rate 5687.82/m²					Qty - 160.02 m² = 910165=00	
(10)	providing & laying in position p.c.c of Mix 1:2:4 with 20 m.m & down size graded granite metal etc @ Rate 6329.82/m³					Qty - 37.74 m³ = 238887=00	
(12)	Providing & Fixing pre cast polish C.C kerb stone made out of C.C 1:2:4 with top & bottom width 114+165 m.m respectively						
	up to 12 I.%	—	—	—	—	—	
						Qty - 3370.00 NO	
						@ Rate 454.02/NO	= 1530047=00
	Above 12 I.%	—	—	—	—	—	
						Qty - 849.00 NO	
						@ Rate 454.02/NO	= 385463=00

M. A. R. 57 (Rule 116) No. E 535415

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(13)	painting two coats after filling the surface with synthetic enemal paint in approved shade on new plastered concreate surface					759.30	Qty - 759.34 m²
						@ Rate 89.02/m²	= 67596=00
(14)	Excavation for roadwork in all types of soil by mechanical means including Cutting & loading to tipper						= 67592.00
	up to 12.5 I.	—	—	—	—	—	Qty 524.85 m³
						@ Rate 59.06/m³	= 30998=00
	Above 12.5 I.	—	—	—	—	—	Qty - 620.81 m³
						@ Rate 59.06/m³	= 36665=00

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(15)	Construction of murrum with up to 125%	Embankment with all lifts & leads	material Grade/ transportation to site			Qty - 1857.38 m^3	
						@ Rate 361.66/m^3 = 671740=00	
	Above 125%					Qty - 506.29 m^3	
						@ Rate 361.66/m^3 = 183105=00	
(16)	Scarifying by mechanical means stone metal crust 50 mm to 100 mm thick with premix carpet		with pick axes along with			Qty - 3734.69 m^2	
						@ Rate 43.40/m^2 = 162086=00	

M. A. R. 57 (Rule 116) No. E 535416
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(17)	Compaction of Original Ground including filling depression				by mechanical means		
						@ Rate 6.68/m^2	Qty - 5069.16 m^2 = 33862=00
(18)	Construction of granular Sub base Grading-V as Sub-base & drainage layer by proving coarse graded crushed stone aggregates						
						@ Rate 2094.27/m^3	Qty - 795.30 m^3 = 1665573
(19)	providing laying spreading & compacting crushed stone aggregate of granite wet mix macadam						
						@ Rate 2100.94/m^3	Qty - 1624.52 m^3 = 3413019=

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(20)	providing & applying ~~primer~~ coat Clearing the existing WBM Road surface including Removing & binding material & dust & foreign matter with wire brush						
	upto 12.5%	—	—	—	—	@ Rate 23.37/m²	Qty - 7266.63 m² = 16982.50
	Above 12.5%	—	—	—	—	@ Rate 23.37/m²	Qty - 257.25 m² = 6012.50
(21)	providing & applying primer coat with S.S. bitumen emulsion on prepared surface of granular base					@ Rate 35.61/m²	Qty - 8878.16 m² = 316151.50
(22)	providing & laying DBM using crushed aggregates					@ Rate 7655.98/m³	Qty - 443.91 m³ = 3398566.50

M. A. R. 57 (Rule 116) No. E 535417
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(23)	cleaning the existing black topped surface with brooms soft brushes & finally dusting old gunny bags					@ Rate 5.56/m²	Qty - 12998.77 m² = 72273.50
(24)	providing & applying tack coat using 80/100 grade bitumen on the prepared black topped surface					@ Rate 13.35/m²	Qty - 12998.77 m² = 173534.50

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MEASUREMENT BOOK

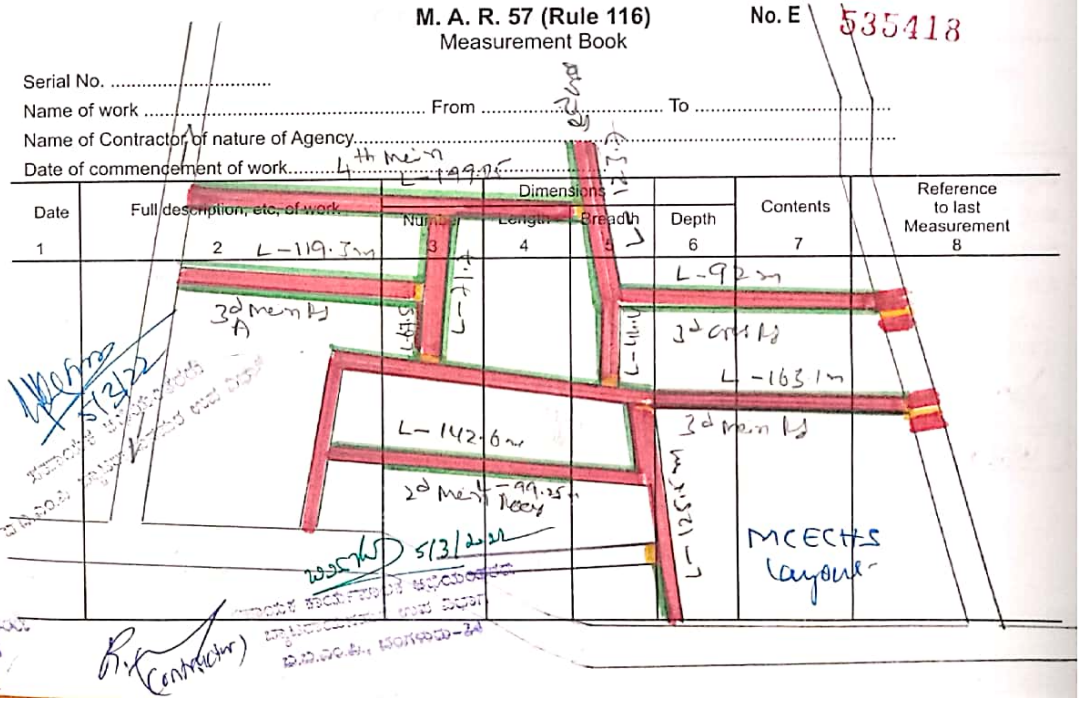
M. A. R. 57 (Rule 116)
Measurement Book

No. E 535418

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
25	providing & laying hot mix plant-	Bituminous Concreate 40 mm Thick with					
		@ Rate ₹ 900.18/m³				Qty - 519.95 m³ = 4664045=00	
26	Road marking compound with	with Hot Applied Thermoplastic					
		Reflectors					
		@ Rate ₹ 99.57/m²				Qty - 330.31 m² = 157687=00	
						3673929=00	
		12½ Qty				= 440871=00	
						41148007=00	
		Total Rounded off.				41147900/-	
(1)	It is certified that the above work done satisfactorily.						
(2)	The above Bill amount has not been Claimed						
	earlier than previous Bill.						

(Contractor)



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1st & Final

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	P3853 2	3	4	5	6	7	8
	ಲೆಕ್ಕಶೀರ್ಷಿಕೆ Special development Works ರದಿ		Total	4111700			
	ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ 4114700/- ಗಳನ್ನು ಪಾಸು ಮಾಡಿದೆ		IT	411470			
	ಇದರಲ್ಲಿ ರೂ. 18,12,000/- ಗಳನ್ನು ಹೊಂದಾಣಿಕೆ		CGST	367384			
	ಮಾಡಿಕೊಳ್ಳಲು ರೂ. 3,93,35,000/- ಗಳನ್ನು		SGST	367384			
			Cess	411470			
			CSF	4114 7			
			CR	213145			
			Bed	18,12,000			
			Cheque	3,93,35,000			

ಪ್ರಭಾರ ಕಿರಿಯ ಅಭಿಯಂತರರು ಚಿಕ್ಕಮಗಳೂರು ತಾಲ್ಲೂಕು ಪಂಚಾಯತ್ ಚಿಕ್ಕಮಗಳೂರು 10/3/22

ವಿಭಾಗಾಧಿಕಾರಿ 10/3/22 ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಧಿಕಾರಿಗಳು ತಾಲ್ಲೂಕು ಪಂಚಾಯತ್ ಚಿಕ್ಕಮಗಳೂರು

10/3/22 ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಧಿಕಾರಿ ತಾಲ್ಲೂಕು ಪಂಚಾಯತ್ ಚಿಕ್ಕಮಗಳೂರು

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